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ning of each regular issue of the PCT Gazette.*

(54) Title: SECRETED PEPTIDES

(57) Abstract: The invention provides secreted active peptides, methods and compositions for making such peptides, and methods of using the peptides in detection assays, for disease diagnosis, for disease treatment and for drug development.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07069

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | MOREN ANITA ET AL: "Identification and characterization of LTBP-2, a novel latent transforming growth factor-beta-binding protein" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 269, no. 51, 1994, pages 32469-32478, XP002264355. ISSN: 0021-9258 the whole document ----- -/-- | 1-10 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

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23. 02. 2004

Name and mailing address of the ISA

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Panzica, G

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 95/07069

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | GIBSON MARK A ET AL: "Bovine latent transforming growth factor beta-1-binding protein 2: Molecular cloning, identification of tissue isoforms, and immunolocalization to elastin-associated microfibrils" MOLECULAR AND CELLULAR BIOLOGY, vol. 15, no. 12, 1995, pages 6932-6942, XP002264356 ISSN: 0270-7306 the whole document | 1-10 |
| X | BASHIR MUHAMMAD M ET AL: "Analysis of the human gene encoding latent transforming growth factor-beta-binding protein-2" INTERNATIONAL JOURNAL OF BIOCHEMISTRY AND CELL BIOLOGY, vol. 28, no. 5, 1996, pages 531-542, XP002264357 ISSN: 1357-2725 cited in the application the whole document | 1-10 |
| A | WO 95/22611 A (UNIV MICHIGAN) 24 August 1995 (1995-08-24) abstract figure 27 | 1-10 |

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 03/07069

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 8 and 9 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-10 (partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-10 (partially)

An isolated polypeptide having an aminoacid sequence as set forth in Seq.Id.No.3 of the sequence listing, methods of use and compositions thereof.

2. claims: 1-10 (partially)

An isolated polypeptide having an aminoacid sequence as set forth in Seq.Id.No.4 of the sequence listing, methods of use and compositions thereof.

3. claims: 1-10 (partially)

An isolated polypeptide having an aminoacid sequence as set forth in Seq.Id.No.5 of the sequence listing, methods of use and compositions thereof.

INTERNATIONAL SEARCH REPORT

International Application No
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| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date |
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